

International Application No. PCT/EP00/01428
Attorney Docket: PLAS3002/JEK

APPENDIX OF CLAIMS

al 1(Amended). A document of value (1, 14) such as a paper of value or ID card comprising a security element (23, 24, 25, 26, 27) having at least one optically variable material (15, 39, 40, 41) that conveys different color effects at different viewing angles, and at least one machine-readable feature substance (16, 17, 18, 19, 30, 37) that does not impair a visually visible optically variable effect of the optically variable material (4, 15), the feature substance (16, 17, 18, 19, 30, 37) being present in the form of a coding or alphanumeric information.

2(Amended). The document of value (1, 14) according to claim 1, wherein the security element (23, 24, 25, 26, 27) comprises a printed image having a first printed layer (16, 37) containing the feature substance (17, 30, 32), said printed layer being in the form of the coding or alphanumeric information, and an optically variable material (15, 39, 40, 41) disposed over said printed layer (16, 37).

3(Amended). The document of value according to claim 2, wherein the security element (26, 27) has a second printed layer (31, 36) containing no feature substance that is disposed in register with the first printed layer (16, 37) and shows the same visual appearance as the first printed layer (16, 37).

4(Amended). The document of value (1, 14) according to claim 2, wherein the first printed layer has a dark, preferably black, color.

4x6 5(Amended). The document of value (1, 14) according to claim 1, wherein the security element (23, 24, 25, 26, 27) has two liquid-crystal materials (40, 41) with different polarization properties. L> Col. 5, lines 25-30

6(Amended). A document of value (1, 14) such as a paper of value or ID card comprising a security element (5) having at least one optically variable material that

conveys different color effects at different viewing angles, and at least one machine-readable feature substance that does not impair a visually visible optically variable effect of the optically variable material, the optically variable material and the feature substance being disposed in one layer (4) and said layer (4) being present in the form of information.

7(Amended). The document of value (1, 14) according to claim 6, wherein the layer (4) is present on the document of value (1) in the form of a print.

8(Amended). The document of value (1, 14) according to claim 6, wherein the layer (4) has a binder of electrically conductive material and optically variable pigments dispersed therein.

9(Amended). The document of value (1, 14) according to claim 1 or 6, wherein the security element (5, 23, 24, 25, 26, 27) is disposed on a plastic foil that is connected with the document of value (1, 14).

10(Amended). The document of value (1, 14) such as a paper of value or ID card comprising a security element (21) having at least one optically variable material that conveys different color effects at different viewing angles, and at least one machine-readable feature substance (8) that does not impair a visually visible optically variable effect of the optically variable material, the optically variable material and the feature substance (8) being disposed in one layer and said layer being a self-supporting plastic foil (9).

11(Amended). The document of value (1, 14) according to claim 10, wherein the plastic foil (9) is present in the form of a thread or band that is freely accessible at least partially on the surface of the document of value (1).

a1 cont

International Application No. PCT/EP00/01428
Attorney Docket: PLAS3002/JEK

12(Amended). The document of value (1) according to claim 10, wherein the plastic foil (9) is present in the form of a label that is applied to the document of value (1).

13(Amended). The document of value (1, 14) according to claim 10, wherein the plastic foil (9) forms a cover foil of the document of value.

✓ 14(Amended). The document of value (1, 14) according to claim 1, 6 or 10, wherein the optically variable material (4, 7, 9, 15) is a liquid-crystal material.

15(Canceled).

a2 16(Amended). The document of value (1, 14) according to claim 1, 6 or 10, wherein the optically variable material (4, 7, 9, 15) is an interference layer material.

Ed. 5, lines 25-30
17(Amended). The document of value (1, 14) according to claim 1, 6 or 10, wherein the optically variable material (4, 7, 9, 15) is selected from the group consisting of a pigment and a particle with suitable size and shape factor.

18(Canceled).

a3 *6,444,377*
19(Amended). The document of value (1, 14) according to claim 1, 6 or 10, wherein the machine-readable feature substance (8, 19) is a material luminescing including a substance that is luminescent outside the visible spectral region.

20(Canceled).

a4 *Ed. 3* 21(Amended). The document of value (1, 14) according to claim 1, 6 or 10, wherein the machine-readable feature substance (8) is an IR-absorbent material.

102 22(Amended). The document of value (1, 14) according to claim 1, 6 or 10, wherein the security element is present on the document of value as a multilayer transfer element in whose layer structure the optically variable material and feature substance are disposed.

102 23(Amended). A foil (9) comprising at least one optically variable material (7, 9, 15, 39, 40, 41) that conveys different color effects at different viewing angles, wherein the foil (9) additionally has at least one machine-readable feature substance (8) that does not impair a visually visible optically variable effect of the optically variable material.

24(Canceled).

25(Canceled).

26(Canceled).

as 649/324 27(Amended). A multilayer transfer material (22) comprising at least one optically variable material (12) that conveys different color effects at different viewing angles, wherein the transfer material (22) additionally has at least one machine readable feature substance (8) that does not impair a visually visible optically variable effect of the optically variable material (12).

28(Canceled).

96 29(Amended). A printing ink comprising at least one binder and one optically variable material that conveys different color effects at different viewing angles, the printing ink additionally including at least one machine-readable feature substance (8) that does not impair a visually visible optically variable effect of the optically variable material.

30(Canceled).

97 31(Amended). Plastics pellets, comprising at least one optically variable material that conveys different color effects at different viewing angles and at least one machine-readable feature substance that does not impair a visually visible optically variable effect of the optically variable material.

32(Canceled).

33(Canceled).

34(Canceled).

98 35(Amended). A method for testing a document of value made according to claim 1, wherein the existence of the optically variable material is tested in a first step and the feature substance is tested in the area of the optically variable material in a second step.
